

08/510377

=> d his  
    (FILE 'USPAT' ENTERED AT 14:19:29 ON 22 MAR 96)  
L1            33 S DISK(P)TEMPO  
L2            37 S TEMPO(P)METER  
L3            1 S L1 AND L2  
L4            2 S L1 AND METER  
L5            2 S L1 AND 369/CLAS  
    FILE 'JPOABS' ENTERED AT 14:24:37 ON 22 MAR 96  
L6            0 S L3  
L7            0 S L4  
L8            15 S L1  
L9            0 S L8 AND METER  
L10           3 S L8 AND RECORDING  
=> d all 1-3

02-116062

Apr. 27, 1990  
OPTICAL DISK AND CONTROLLER

L10: 1 of 3

INVENTOR: MASARU MAKABE, et al. (2)  
ASSIGNEE: KK C B S SONY GROUP  
APPL NO: 63-268844  
DATE FILED: Oct. 25, 1988  
PATENT ABSTRACTS OF JAPAN  
ABS GRP NO: P1080  
ABS VOL NO: Vol. 14, No. 340  
ABS PUB DATE: Jul. 23, 1990  
INT-CL: G11B 20/12; H04N 5/232

#### ABSTRACT:

PURPOSE:To obtain the video signals contained in a song synchronous with the corresponding music with virtually no intervention of a manual operation by \*\*recording\*\* the control information related to the music properties in accordance with the progress of the music.

CONSTITUTION:The control information on the music properties, i.e., the genre, the musical tone, the \*\*tempo\*\* or the showiness, etc., are recorded to the subcodes for instance. In other words, the information accordant with the image, the feeling, etc., of the music are recorded in response to the progress of the music. Thus the reproduction of an optical \*\*disk\*\* can be controlled in accordance with the progress of the music. Then a VTR camera, a video signal switcher, etc., can be controlled based on the control information set according to the music contents. Thus it is possible to easily and automatically record the images obtained by plural VTR cameras.n

59-42604

Mar. 9, 1984  
INFORMATION REPRODUCING DEVICE

L10: 2 of 3

INVENTOR: KATSUAKI TSURUSHIMA, et al. (5)  
ASSIGNEE: SONY KK, et al. (1)  
APPL NO: 57-151235  
DATE FILED: Aug. 31, 1982  
PATENT ABSTRACTS OF JAPAN  
ABS GRP NO: P284  
ABS VOL NO: Vol. 8, No. 144  
ABS PUB DATE: Jul. 5, 1984

ABSTRACT:

PURPOSE:To know easily a start end of an information signal, by providing a reproducing circuit of a \*\*recording\*\* medium in which a notifying signal for notifying an arrival of the start end of a prescribed section of the information signal is recorded together with the information signal, and a notifying device.

CONSTITUTION:When a melody of a \*\*disk\*\* 1 is reproduced, an introduction is started from a time point T.sub.0. When a person grips a microphone 10 and watches a notifying device 30, listening to a reproducing sound from a loudspeaker 9, LEDs 25.approx.28 are lighted successively by one on each by the timing matched with a \*\*tempo\*\* of the melody, immediately before a time point T.sub.1 in which accompaniment of a song of No.1 is started, and he starts to sing a song of No.1 from the time point T.sub.1 in which the final LED28 is lighted. When the song of No.1 is ended, an interlude starts, and he watches the notifying device 30 again. Immediately before a time point T.sub.2 in which accompaniment of the song of No.2 is started, the LEDs 25.approx.28 are lighted successively by one on each in the same way, and he starts to sing the song of No.2 from the time point T.sub.2 in which the final LED28 is lighted. In this way, a chance for starting to sing a song can be grasped easily.

59-42603

Mar. 9, 1984  
\*\*RECORDING\*\* MEDIUM

L10: 3 of 3

INVENTOR: KATSUAKI TSURUSHIMA, et al. (5)  
ASSIGNEE: SONY KK, et al. (1)  
APPL NO: 57-151234  
DATE FILED: Aug. 31, 1982  
PATENT ABSTRACTS OF JAPAN  
ABS GRP NO: P284  
ABS VOL NO: Vol. 8, No. 144  
ABS PUB DATE: Jul. 5, 1984  
INT-CL: G11B 5/02

ABSTRACT:

PURPOSE:To know easily a start end of a prescribed section of an information signal at the time of reproduction, by constituting so that a notifying signal for notifying intermittently an arrival of the start end of the prescribed section of the information signal until it reaches the start end is recorded together with the information signal.

CONSTITUTION:When a melody of a \*\*disk\*\* 1 is reproduced, an introduction is started from a time point T.sub.0. When a person grips a microphone 10 and watches a notifying device 30, listening to a reproducing sound from a loudspeaker 9, LEDs 25.approx.28 are lighted successively by one on each by the timing matched with a \*\*tempo\*\*, immediately before a time point T.sub.1 in which accompaniment of a song of No.1 is started, and he starts to sing a song of No.1 from the time point T.sub.1 in which the final LED28 is lighted. When the song of No.1 is ended, an interlude starts, and he watches the notifying device 30

again. Immediately before a time point T.sub.2 in which accompaniment of the song of No.2 is started, the LEDs 25.approx.28 are lighted successively by one on each, and he starts to sing the song of No.2 from the time point T.sub.2 in which the final LED28 is lighted. In this way, a chance for starting to sing can be grasped easily.

=> fil us

'US' IS AN AMBIGUOUS FILE NAME

USOCR - U.S. PATENTS

USPAT - CPK2

ENTER A FILE NAME OR (END):uspat

FILE 'USPAT' ENTERED AT 14:26:28 ON 22 MAR 96

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* * * * *
*           W E L C O M E   T O   T H E           *
*           U . S .       P A T E N T   T E X T   F I L E       *
* * * * *
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=> d his

(FILE 'USPAT' ENTERED AT 14:19:29 ON 22 MAR 96)

L1 33 S DISK(P)TEMPO  
L2 37 S TEMPO(P)METER  
L3 1 S L1 AND L2  
L4 2 S L1 AND METER  
L5 2 S L1 AND 369/CLAS

FILE 'JPOABS' ENTERED AT 14:24:37 ON 22 MAR 96

L6 0 S L3  
L7 0 S L4  
L8 15 S L1  
L9 0 S L8 AND METER  
L10 3 S L8 AND RECORDING

FILE 'USPAT' ENTERED AT 14:26:28 ON 22 MAR 96

=> d l3

1. 5,155,286, Oct. 13, 1992, Motif performing apparatus; Toshihide Saito, et al., 84/611, 613, DIG.12, DIG.22 [IMAGE AVAILABLE]

=> d l4 1-2

1. 5,155,286, Oct. 13, 1992, Motif performing apparatus; Toshihide Saito, et al., 84/611, 613, DIG.12, DIG.22 [IMAGE AVAILABLE]

2. 5,137,501, Aug. 11, 1992, Process and device for supporting fitness training by means of music; Frank L. Mertesdorf, 482/57; 601/23 [IMAGE AVAILABLE]

=> d l5 1-2

1. 5,473,584, Dec. 5, 1995, Recording and reproducing apparatus; Mitsuaki Oshima, \*\*369/32\*\*, \*\*47\*\*, \*\*54\*\* [IMAGE AVAILABLE]

2. 4,142,232, Feb. 27, 1979, Student's computer; Norman L. Harvey, 360/72.2; 364/226.2, 232.7, 232.8, 234, 236, 236.2, 236.3, 236.4, 237.2, 237.3, 237.4, 237.8, 240.1, 243, 244, 244.6, 248.1, 248.2, 249.8, 252, DIG.1; \*\*369/32\*\*, \*\*33\*\* [IMAGE AVAILABLE]

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=> d his

(FILE 'USPAT' ENTERED AT 14:26:28 ON 22 MAR 96)

DEL HIS

L1 0 S AV FILES(P)GOP(P)POINTER#  
L2 2 S GOP(P)(INTER-PICTURE OR INTRA-PICTURE)  
L3 13 S INTRA-PICTURE AND INTER-PICTURE  
L4 8 S L3 AND RECORDING  
FILE 'JPOABS' ENTERED AT 14:47:43 ON 22 MAR 96  
L5 0 S L4  
FILE 'USPAT' ENTERED AT 14:48:19 ON 22 MAR 96  
L6 1 S EDUN, ?/XA AND MIDI  
L7 0 S L6 AND TEMPO  
L8 17 S MIDI AND 369/CLAS  
L9 5 S L8 AND TEMPO  
L10 0 S L9 AND METER

=> d 16

1. 5,212,676, May 18, 1993, Performance information recording/reproducing apparatus having correction techniques using event and state information; Toshio Yamabata, et al., 369/48; 84/645; 369/58 [IMAGE AVAILABLE]  
=> d 19 1-5

1. 5,295,123, Mar. 15, 1994, Automatic playing apparatus; Kazuyuki Seri, et al., \*\*369/32\*\*; 84/645; \*\*369/47\*\*, \*\*48\*\* [IMAGE AVAILABLE]

2. 5,218,580, Jun. 8, 1993, User management system for musical accompaniment playing apparatus; Masahiro Okamura, et al., \*\*369/2\*\*, \*\*4\*\* [IMAGE AVAILABLE]

3. 5,194,683, Mar. 16, 1993, Karaoke lyric position display device; Mihoji Tsumura, et al., 434/307A; 84/602, 609, DIG.11; \*\*369/70\*\* [IMAGE AVAILABLE]

4. 5,194,682, Mar. 16, 1993, Musical accompaniment playing apparatus; Masahiro Okamura, et al., 434/307A; 84/626, 633, 634, 645; \*\*369/48\*\* [IMAGE AVAILABLE]

5. 4,942,551, Jul. 17, 1990, Method and apparatus for storing \*\*MIDI\*\* information in subcode packs; Walter R. Klappert, et al., 395/800; 84/645; 360/32, 48; 364/916.5, 927.83, 952, 952.31, 966, 968.1, DIG.2; \*\*369/47\*\* [IMAGE AVAILABLE]

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